4 5

6 7

8

9 10

11

12

13

14 15

16

17

18

19

20

21

22

23

24 25

26

27

#### STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

IN RE:

Valley Estates POA Water System

Water System No. 1500478

TO:

Bob McGarvey, President

Valley Estates POA Water System

5308 Hanning Weldon, CA 93283

#### BY REGISTERED MAIL

CITATION FOR NONCOMPLIANCE -- Water System No. 1500478 TOTAL COLIFORM MCL VIOLATION June 2011, September 2012 and October 2012 Citation No. 03-19-13C-004

Issued on February 22, 2013

#### STATEMENT OF FACTS

Valley Estates POA Water System (hereinafter Water System) is classified as a Community Water System and serves a population of approximately two hundred fiftey five (255) persons through one hundred seventeen (117) service connections. The Water System has two (2) active sources of supply, Well 01-Marjorie (PS Code: 1500478-002), Well 02-Hanning (PS Code: 1500478-001); and a 64,800-gallon storage tank. No treatment is provided to the well water. The Water System operates under the authority of a domestic water supply permit No. 03-19-06PA-005, issued on June 11, 2012, by the California Department of Public Health.

The Southern California Drinking Water Field Operations Branch, Division of Drinking Water and Environmental Management, California Department of Public



8

9

10

11

12

13

14

15

16

17

Health (hereinafter "Department") is responsible for enforcing the Safe Drinking Water Act and regulations promulgated pursuant thereto.

- The Valley Estates POA (hereinafter Water System) is required to collect one
   (1) routine bacteriological sample per month. Please refer to the Water System's approved Bacteriological Sample Siting Plan (BSSP) or Table 64423-A for details.
- One (1) routine bacteriological quality sample collected on June 21, 2011, from the distribution system tested positive for total coliform bacteria.
- All three (3) repeat bacteriological quality samples collected on June 23, 2011, from the distribution system tested positive for total coliform bacteria and *E.coli* bacteria [Section 64426.1(b)(3), *Authorities*].
- Valley Estates POA Water System failed the total coliform maximum contaminant level (MCL) for June 2011 [Sections 64426.1(b)(2) and 64426.1(b)(3), Authorities].
- One (1) repeat sample (also counted towards the Ground Water Rule's trigger source sampling requirement) collected on June 23, 2011, from Well 01 tested negative for total coliform bacteria.
- Two additional source samples collected on June 27, 2011, from Well 01 &
   Well 02 tested negative for total coliform bacteria.
- Six (6) investigative samples collected on June 27, 2011, from the distribution system tested negative for total coliform bacteria.
- Two (2) out of five (5) investigative samples collected on June 29, 2011, from the distribution system tested positive for total coliform bacteria. One of these total coliform positive samples also tested positive for *E.coli* bacteria.

27

26

OSP 10 119947

15

18

19

20

21 22

23

24 25

26

- On June 27, 2011, Mike Higgins, the Water System's Vice President and Treasurer notified the Department of the E.coli positive samples and that the Water System failed the total coliform MCL for June 2011.
- On June 27, 2011, the Department issued a Boil Water Notice (BWN) in response to the *E.coli* positive distribution samples [Section 64463.1, Authorities].
- On June 27, 2011, the BWN (also served the purpose of public notice for the total coliform MCL violation) and Proof of Notification were emailed to the Water System for the June 2011 total coliform MCL failure.
- On June 27, 2011, the Department received signed and dated copies of the BWN and the Proof of Notification from the Water System. According to these documents, the BWN was issued to the customers on June 27, 2011.
- The Water System was required to have two consecutive rounds of total coliform negative samples from the distribution system and completion of the investigation report in order to cancel the BWN.
- Following issuance of the BWN, the Water System collected six (6) investigation samples on June 27, 2011, from the distribution system and two (2) samples from Well 01-Marjorie and Well 02-Hanning. One of the samples was collected from the storage tank. All eight (8) samples tested negative for total coliform bacteria.
- Five (5) special samples were collected on June 29, 2011, from the distribution system, and two (2) of these samples tested positive for total coliform bacteria and one of the two total coliform positive samples (collected from 14304 Allen) also tested positive for E.coli bacteria. No further sampling was conducted in June 2011.
- On June 27, 2011, an investigation report was emailed to the Water System for the June 2011 total coliform MCL failure.

- On July 22, 2011, the Department received a completed copy of the investigation report in response to the June 2011 total coliform MCL failure.
   The investigation report was completed by Mr. Higgins.
- As part of the investigation, the Water System inspected all storage tanks and well sites, and also surveyed the distribution system for leaks and did not find any specific cause of contamination. No cross-connections in the distribution system were identified. The Water System replaced a leaky pressure gauge at the Well 01-Marjorie wellhead. The Water System also provided emergency chlorination treatment and flushing of the distribution system to clear bacteriological contamination.
- All six (6) routine samples collected on July 1, 2011, tested negative for total coliform bacteria.
- All five (5) routine samples collected on July 25, 2011, tested negative for total coliform bacteria.
- These two rounds of bacteriological sampling met the Department's requirement for canceling the BWN.
- On July 26, 2011, the Department issued a Safe Water Notice (SWN) after the
  Water System satisfied the Department's directives and provided two
  consecutive rounds of total coliform negative samples from the distribution
  system.
- Per the Department's directives, the Water System submitted an emergency chlorination plan dated August 3, 2011. The plan was reviewed by the Department and determined adequate for future emergency chlorination treatment.
- All routine distribution and well bacteriological quality samples collected from August 2011 to August 2012 tested negative for total coliform bacteria.

- One (1) routine bacteriological quality sample collected on September 5, 2012, from the distribution system tested positive for total coliform bacteria.
- All three (3) repeat bacteriological quality samples collected on September 7, 2012, from the distribution system tested positive for total coliform bacteria.
- Two (2) repeat samples (also counted towards the Ground Water Rule's trigger source sampling requirement) collected on September 7, 2012, from Well 01 and Well 02 tested negative for total coliform bacteria.
- None of the bacteriological quality samples collected in September 2012, from the distribution system or the system wells, tested positive for *E. coli* bacteria.
- Valley Estates POA Water System failed the total coliform MCL for September 2012 [Section 64426.1(b)(2), Authorities].
- On September 10, 2012, Mike Higgins, from the Water System notified the Department that the Water System failed the total coliform MCL for September 2012.
- On September 19, 2012, a public notice and Proof of Notification were emailed to the Water System for the September 2012 total coliform MCL failure.
- On September 25, 2012, the Department received signed and dated copies of the public notice and Proof of Notification from the Water System. According to these documents, the public notification was completed on September 24, 2012.
- On September 19, 2012, an investigation report was emailed to the Water System for the September 2012 total coliform MCL failure.
- On September 25, 2012, the Department received a completed copy of the investigation report in response to the September 2012, total coliform MCL failure. The investigation report was completed by Mr. Higgins.
- The investigation report indicates no possible cause of contamination. As part of the investigation, a certified Cross-Connection Program Specialist

26

conducted a physical survey of the Water System in September 2012, to identify cross-connections in the distribution system. The Water System provided emergency disinfection treatment to clear bacteriological contamination from the distribution system.

- Two (2) out of five (5) routine samples collected on October 10, 2012, from the distribution system tested positive for total coliform bacteria.
- Valley Estates POA Water System failed the total coliform maximum contaminant level (MCL) for October 2012 [Section 64426.1(b)(2), Authorities].
- One (1) repeat sample (also counted towards the Ground Water Rule's trigger source sampling requirement) collected on October 15, 2012, from Well 01 tested negative for total coliform bacteria.
- Three (3) investigative samples collected on October 15, 2012, from the distribution system tested negative for total coliform bacteria.
- None of the bacteriological quality samples collected in October 2012, from the distribution system or the system wells, tested positive for *E.coli* bacteria.
- On October 12, 2012, Mike Higgins from the Water System notified the Department that the Water System failed the total coliform MCL for October 2012.
- On October 31, 2012, a public notice and Proof of Notification were emailed to the Water System for the October 2012 total coliform MCL failure.
- On November 5, 2012, the Department received signed and dated copies of the public notice and Proof of Notification from the Water System. According to these documents, the public notification was completed on November 1, 2012.
- On October 31, 2012, an investigation report was emailed to the Water System for the October 2012 total coliform MCL failure.

STATE OF CALIFORNIA

25

26

On November 5, 2012, the Department received a completed copy of the investigation report in response to the October 2012 total coliform MCL failure.

- The investigation report indicates the possible cause of contamination as excavation and underground boring (to install a conduit) in the vicinity of the distribution system piping.
- Based on the Department's review of the Water System's bacteriological results and records, the total coliform MCL failures in 2012 may be attributed to the problems in the distribution system, though the exact cause of contamination is unknown.
- Following the total coliform positive samples in October 2012, the Water System provided flushing to clear bacteriological contamination from the distribution system.
- Five (5) routine samples collected on November 7, 2012, from the distribution system tested negative for total coliform bacteria.
- All routine distribution bacteriological quality samples collected from December 2012 to January 2013 have tested negative for total coliform bacteria.
- Results of all bacteriological samples collected from January 2011 to January 2013 are summarized in Attachment A.

#### **AUTHORITIES**

#### Section 116577 of the CHSC, states in relevant part:

- Each public water system shall reimburse the department for the actual costs incurred by the department for any of the following enforcement activities related to that water system:
  - Preparing, issuing, and monitoring compliance with, an order or citation.
  - Preparing, and issuing public notification (2)
- The department shall submit an invoice for these enforcement costs to the public water system that requires payment prior to September 1 of the fiscal year following the fiscal year in which the costs were incurred. The invoice shall indicate the total hours expended the

19

21

22

23

24

25

26

7

9 10

8

11 12

14

13

16

15

17

18 19

20

21

2223

24

25

26

27

reasons for the expenditure, and the hourly cost rate of the department. The costs set forth in the invoice shall not exceed the total actual costs to the department of the enforcement activities specified in this section."...

Section 116650 of the California Health and Safety Code (hereinafter CHSC), states in relevant part:

- "(a) If the department determines that a public water system is in violation of this chapter or any regulation, permit, standard, or order issued or adopted thereunder, the department may issue a citation to the public water system. The citation shall be served upon the public water system personally or by registered mail.
- (b) Each citation shall be in writing and shall describe with particularity the nature of the violation, including a reference to the statutory provision, standard, order, or regulation alleged to have been violated.
- (c) For continuing violations, the citation shall fix the earliest feasible time for elimination or correction of the condition constituting the violation where appropriate. If the public water system fails to correct a violation within the time specified in the citation, the department may assess a civil penalty as specified in subdivision (e).
- (d) For a noncontinuing violation of primary drinking standards, the department may assess in the citation a civil penalty as specified in subdivision (e).
- (e) Citations issued pursuant to this section shall be classified according to the nature of the violation or the failure to comply. The department shall specify the classification in the citation and may assess civil penalties for each classification as follows:
  - (1) For violation of a primary drinking standard, an amount not to exceed one thousand dollars (\$1,000) per day for each day that the violation occurred, including each day that the violation continues beyond the date specified for correction in the citation or order.
  - (2) For failure to comply with any citation or order issued for violation of a secondary drinking water standard that the director determines may have a direct or immediate relationship to the welfare of the users, an amount not to exceed one thousand dollars (\$1,000) for each day that the violation continues beyond the date specified for correction in the citation or order.
- (3) For failure to comply with any citation or order issued for noncompliance with any department regulation or order, other than a primary or secondary drinking water standard, an amount not to exceed two hundred dollars (\$200) per day for each day the violation continues beyond the date specified for correction in the citation."

### Section 116655 of the CHSC, states in relevant part:

- "(a) Whenever the department determines that any person has violated or is violating this chapter, or any permit, regulation, or standard issued or adopted pursuant to this chapter, the director may issue an order doing any of the following:
  - (1) Directing compliance forthwith.
  - (2) Directing compliance in accordance with a time schedule set by the department.
  - (3) Directing that appropriate preventative action be taken in the case of a threatened violation.
- (b) An order issued pursuant to this section may include, but shall not be limited to, any or all of the following requirements:
  - (2) That purification or treatment works be installed."

1

3 4

5 6

7 8

10

9

11 12

13 14

15

16

17 18

19

20

21 22

24

23

25

26

27

California Code of Regulations (hereinafter, CCR), Title 22, Section 64423, Table 64423-A establishes the minimum routine sampling requirements, and states in relevant part:

Monthly Population Served	Service Connections	Minimum Number of Samples
25 to 1000	15 to 400	1 per month
1,001 to 2,500	401 to 890	2 per month
2,501 to 3,300	891 to 1,180	3 per month
3,301 to 4,100	1,181 to 1,460	4 per month
4,101 to 4,900	1,461 to 1,750	5 per month
4,901 to 5,800	1,751 to 2,100	6 per month
5,801 to 6,700	2,101 to 2,400	7 per month
6,701 to 7,600	2,401 to 2,700	2 per week
7,601 to 12,900	2,701 to 4,600	3 per week
12,901 to 17,200	4,601 to 6,100	4 per week
17,201 to 21,500	6,101 to 7,700	5 per week
21,501 to 25,000	7,701 to 8,900	6 per week
25,001 to 33,000	8,901 to 11,800	8 per week
33,001 to 41,000	11,801 to 14,600	10 per week
41,001 to 50,000	14,601 to 17,900	12 per week
50,001 to 59,000	17,901 to 21,100	15 per week

CCR, Title 22, Section 64426.1 establishes the total coliform maximum contaminant level and states in relevant part:

- A public water system is in violation of the total coliform MCL when any of the following occurs:
  - (1) For a public water system which collects at least 40 samples per month, more than 5.0 percent of the samples collected during any month are total coliformpositive; or
  - (2) For a public water system with collects fewer than 40 samples per month, more than one sample collected during any month is total coliform-positive; or
  - (3) Any repeat sample is fecal coliform-positive or E. coli-positive; or
  - (4) Any repeat sample following a fecal coliform-positive or E. coli-positive routine sample is total coliform-positive.
- If a public water system is not in compliance with paragraphs (b)(1) through (4), during any month in which it supplies water to the public, the water supplier shall notify the Department by the end of the business day on which this is determined, unless the determination occurs after the Department office is closed, in which case the supplier shall notify the Department within 24 hours of the determination. The water supplier shall also notify the consumers served by the water system. A Tier 2 Public Notice shall be given for violations of paragraphs (b)(1) or (2), pursuant to section 64463.4. A Tier 1 Public Notice shall be given for violations of paragraphs (b)(3) or (4), pursuant to section 64463.1."

5

4

6 7

8

10

12

11

13 14

15

16

17

18

19 20

21

22

23

24

25 26

27

#### **DETERMINATIONS**

Based upon the above Statement of Facts and Authorities, the Department determines that the Valley Estates POA Water System has violated the following:

- 1. CHSC Section 116555(a)(3); Specifically, the Water System failed to ensure that the water system is provided with a reliable and adequate supply for pure, wholesome, healthful, and potable water.
- 2. CCR, Title 22, Section 64426.1(b)(2), Specifically, the Water System violated the total coliform MCL for June 2011 when more than one sample collected in June 2011, September 2012, and October 2012 tested positive for total coliform bacteria.
- 3. CCR, Title 22, Section 64426.1(b)(3), Specifically, during the month of June 2011, three repeat samples collected from the distribution system tested positive for *E.coli* bacteria.

The above violations are classified as non-continuing violations.

#### **DIRECTIVES**

Valley Estates POA Water System is hereby directed to take the following actions:

- 1. Cease and desist from failing to comply with Section 116555(a) of the CHSC and Sections 64426.1(b)(2) and 64426.1(b)(3) of Title 22, California Code of Regulations (CCR).
- The Water System shall notify the Department and receive approval before providing emergency chlorination treatment following any routine total coliform positive sample.

OSP 10 119947

3. The Water System shall start providing mandatory continuous chlorination treatment if there is another total coliform MCL failure before September 2013. The Water System shall contact the Department and receive approval before installing permanent chlorination treatment facilities. At that time, the Water System shall submit a permit amendment application to the Department.

4. The Water System shall reimburse the Department, in accordance with an invoice that shall be provided to the Water System, the costs for enforcement activities, and such reimbursement shall be made prior to September 1 (or by a different date if specified by the Department) of the fiscal year following the fiscal year in which such costs are incurred as described in CHSC Sections 116577(a)(1-2) and 116577(b).

#### **FURTHER ENFORCEMENT ACTIONS**

Section 116270, Division 104, Part 12, Chapter 4 of the CHSC authorizes the Department to: issue additional citations with assessment of penalties if the public water system continues to fail to correct a violation identified in a citation; take action to suspend or revoke a permit that has been issued to a public water system if the system has violated applicable law or regulations or has failed to comply with orders of the Department; and petition the superior court to take various enforcement measures against a public water system that has failed to comply with orders of the Department. The Department does not waive any further enforcement action by issuance of this citation.

## PARTIES BOUND

This citation shall apply to and be binding upon Valley Estates POA, its officers, directors, agents, employees, contractors, successors, and assignees.

3

5

6 7

8

10

11

12

13 14

15

16

17

18

19

20

21

22

23

24

25 26

27

**SEVERABILITY** 

The directives of this citation are severable, and Valley Estates POA shall comply with each and every provision thereof, notwithstanding the effectiveness of any other provision.

**CIVIL PENALTY** 

Section 116650, subsection (d) and (e) of the CHSC allow for the assessment of a civil penalty for the failure to comply with the requirements of the Safe Drinking Water Act. Failure to comply with any Directive of this Citation may result in the Department imposing an administrative penalty of not less than \$200 (two hundred dollars) for each day that the violation continues beyond the date set for correction in this Citation.

The Department does not waive any further enforcement action by issuance of this citation, and expressly reserves the right to issue a citation with penalties for the violations on which the Directives of this citation are based.

Feb. 22, 2013

Date

Jaswinder S. Dhaliwal, P.E.

Senior Sanitary Engineer

Tehachapi District

SOUTHERN CALIFORNIA BRANCH DRINKING WATER FIELD OPERATIONS

Attachments

Attachment A: Bacteriological Summary January 2011 through January 2013

cc: Kern County Environmental Health Services Department (w/o attachments)

McMor Chlorination (via email)

Miles Higging, Vice President, Velley Estates POA

Mike Higgins, Vice President, Valley Estates POA

JSD/ak

Attachment A

## Valley Estates POA, Inc.

1500478		Distril	oution Sy	stem F	req: 1/M			
Sample Date	Time	Location	T Coli	E Coli	F Coli Type	Cl2	Violation	Comment
1/20/2011	9:55	14012 Deaton Ct	A	Α	Routine			
1/20/2011	10:05	14008 Deaton Ct.	Α	Α	Routine			
1/20/2011	10:15	14021 Deaton Ct	Α	Α	Routine			
2/8/2011	8:15	5412 Marjorie St	Α	Α	Routine			
2/8/2011	8:25	14305 Bass Ave	Α	Α	Routine			
2/8/2011	8:35	14304 Allen Ave	Α	Α	Routine			•
2/8/2011	8:45	5605 Hanning St	Α	Α	Routine			
2/8/2011	9:00	14012 Deaton Ct	Α	Α	Routine		٠	
3/21/2011	8:10	· 14305 Bass Ave.	Р	A	Routine			
3/23/2011	9:53	14217 Bass Ave	Α	Α	Repeat			
3/23/2011	10:01	14305 Bass Ave	Α	Α	Repeat			
3/23/2011	10:11	14401 Bass Ave	Α	Α	Repeat			
4/26/2011	10:10	14012 Deaton Ct.	Α	A.	Routine			
4/26/2011	10:20	5605 Hanning St.	Α	Α	Routine			
4/26/2011	10:30	14305 Bass Ave.	Α	Α	Routine			
4/26/2011	10:40	14304 Allen Ave.	Α	. <b>A</b>	Routine			
4/26/2011	10:50	5412 Marjorie St.	Α	Α	Routine			
5/16/2011	7:55	5412 Marjorie St	Α	Α	Routine			
6/21/2011	10:00	14012 Deaton Ct.	P	Α .	Routine		MCL	Citation 03-19-13C-00- issued.
6/23/2011	9:50	14012 Deaton Ct.	P	Р	Repeat			
6/23/2011	10:05	14008 Deaton Ct.	Р	Р	< Repeat .			
6/23/2011	10:15	14021 Deaton	P	P	Repeat	-		
6/27/2011	11:20	5412 Marjorie	Α	Α	Other		*	
6/27/2011	11:30	14305 Bas	Α	Ą	Other			
6/27/2011	11:40	14304 Allen	Α	Α	Other			
6/27/2011	11:55	5605 Hanning	Α	Α	Other ·			
6/27/2011	12:15	14012 Deaton Ct.	Α	Α	Other			
6/27/2011	12;30	Storage Tank	Α	Α	Other			
6/29/2011	10:05	14012 Deaton Ct.	· P	Α	Other			
6/29/2011	10:15	5605 Hanning	Α	Α	Other			
6/29/2011	10:25	14304 Allen	Р	Р	Other			
6/29/2011	10:35	14305 Bass	Α	Α	Other			
6/29/2011	10:45	5412 Majorie St.	Α	Α	Other			-
7/1/2011	9:45	Storage Tank	Α	Α	Routine			
7/1/2011	10:00	14012 Deaton Ct.	Α	Α	Routine			
7/1/2011	10:10	5605 Hanning	Α	Α	Routine			

Sample Date	Time	Location	T Coli	E Coli	F Coli Type	Cl2	Violation	Comment
7/1/2011	10:25	14304 Allen	Α	Α	Routine			A CONTRACTOR AND A CONT
7/1/2011	10:35	14305 Bass	Α	Α	Routine			•
7/1/2011	10:45	5412 Marjorie	Α	Α	Routine			
7/25/2011	9:40	14012 Deaton Ct	Α	Α	Routine			•
7/25/2011	9:50	5605 Hanning	Α	Α	Routine			
7/25/2011	10:00	14304 Allen	Α	Α	Routine			
7/25/2011	10:10	14305 Bass	Α	$\mathbf{A}_{i}$	Routine			
7/25/2011	10:20	5412 Marjorie	Α	Α	Routine			
8/22/2011	9:00	14305 Bass	Α	Α	Routine		·	
9/20/2011	6:55	14304 Allen Ave	Α	Α	Routine			
10/26/2011	9:42	5412 Marjorie	Α	Α	Routine			
11/8/2011	12:12	14012 Deaton Ct.	. A	Α	Routine	:		
12/7/2011	11:36	2ROU	Α	Α	Routine			
1/11/2012	10:52	1ROU	Α	Α	Routine			
2/15/2012	12:47	2ROU	Α	Α	Routine			·
3/14/2012	11:12	3ROU	Α	Α	Routine			•
4/18/2012	10:35	4ROU	Α	Α	Routine	•		
5/23/2012	12:03	5ROU	· A	Α	Routine	· .	-	
6/6/2012	10:44	1ROU	Α	Α	Routine			
7/11/2012	11:27	2ROU	Α	Α	Routine			
8/15/2012	12:07	3ROU	A	Α	Routine			
9/5/2012	11:24	4ROU	Р.	Α	Routine		•	
9/7/2012	7:48	4REP1	Р	Α	Repeat			-
9/7/2012	8:14	4ROU	P	Α	Repeat			
9/7/2012	8:25	4REP2	P ·	Α	Repeat		MCL ·	Citation 03-19-13C-004 issued.
10/10/2012	11:23	2ROU	Р	Α	Routine			
10/10/2012	11:36	4ROU	P	Α	Routine		MCL	Citation 03-19-13C-004 issued.
10/10/2012	11:44	3ROU _	Α	Α	Routine		·	
10/10/2012	11;53	5ROU	Α	Α	Routine			
10/10/2012	12:00	1ROU	Α	Α	Routine			
10/15/2012	9:00	Storage Tank	Α	Α	Other			•
10/15/2012	9:15	4ROU	Α	Α	Other			Resample Per Jesse
10/15/2012	9:21	2ROU	Α	Α	Other			. 3
11/7/2012	11:31	2ROU	Α	Α	Routine			-
11/7/2012	11:39	4ROU	. A	Α	Routine			
11/7/2012	11:45	3ROU	Α	Α	Routine			
11/7/2012	11:51	5ROU	Α	A ·	Routine			
11/7/2012	12:02	1ROU	Α	Α	Routine			

Sample Date	Time	Location		T Coli	E Coli	F Coli Type	Cl2	Violation	Comment	
12/5/2012					Α	Routine				
1/3/2013	9:16	1ROU	-	Α	Α	Routine				

# Valley Estates POA, Inc. Source Monitoring Freq:

1500478		Source M	ionitoring Fre		•		
Sample Date	Time	Source	T Coli	E Coli	F Coli	Violation	Comment
1/20/2011	9:40	Majorie Well	А	Α		get storte to a six endicate	
3/23/2011	10:32	Hanning Well	Α	Α			
6/23/2011	9:45	Majorie Well	. А	Α	-		
6/27/2011	11:05	Majorie Well	Α	Α			
6/27/2011	12:05	Hanning Well	. A	Α			
4/18/2012	10:48	001	<1.1	<1.1		•	
9/7/2012	7:32	Well Discharge #2	· <1.1	<1.1			
9/7/2012	8:03	Well Discharge #1	<1.1	<1.1			
10/15/2012	9:29	001	<1.1	<1.1			Source sample after p